

Title (en)

Method and system for updating digital road maps

Title (de)

Verfahren und System zur Aktualisierung von digitalen Strassenkarten

Title (fr)

Procédé et système de mise à jour de cartes digitales routières

Publication

EP 0752692 B1 20000816 (DE)

Application

EP 96250137 A 19960625

Priority

DE 19525291 A 19950703

Abstract (en)

[origin: US5948042A] A method of updating digital road maps which are used in traffic direction and guiding vehicles to their destinations. In the method actual route data is determined, stored and transmitted to a traffic computer by at least one test vehicle provided for the purpose. The traffic computer evaluates the information items contained in the route data and assigns them as attributes to the corresponding road sections of a digital road map. At least the actual geographical position of the test vehicle is automatically continually determined as route data and the attributes of the corresponding road sections of the road map are updated by reference to the route data. The attributes include at least the permissibility of driving over the road sections in at least one direction.

IPC 1-7

G09B 29/10; **G08G 1/0967**; **G01C 21/20**

IPC 8 full level

G01C 21/20 (2006.01); **G01C 21/32** (2006.01); **G08G 1/01** (2006.01); **G08G 1/0967** (2006.01); **G08G 1/123** (2006.01); **G09B 29/10** (2006.01)

CPC (source: EP US)

G01C 21/3815 (2020.08 - EP US); **G01C 21/3841** (2020.08 - EP US); **G08G 1/0104** (2013.01 - EP US); **G08G 1/20** (2013.01 - EP US); **G09B 29/106** (2013.01 - EP US)

Cited by

CN102037319A; EP0921509A3; DE102009041586A1; DE102009041586B4; US9002635B2; US6853913B2; US6640187B1; WO9824080A1; US7957893B2; US8271190B2; US8566021B2

Designated contracting state (EPC)

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DOCDB simple family (application)

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